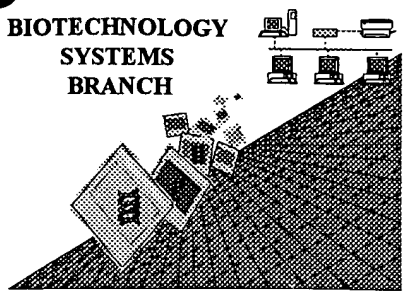
RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number: 09/157,289

Art Unit / Team No. : 1804

Date Processed by STIC: 9/30/98

THE ATTACHED PRINTOUT EXPLAINS THE ERRORS DETECTED.

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

ARTI SHAH 703-308-4212

[redacted]w Sequence Listing Error Summary

ERROR DETECTED **SUGGESTED CORRECTION** SERIAL NUMBER: 09/152,289

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

1 ____ Wrapped Nucleics
The number/text at the end of each line "wrapped" down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".

2 ____ Wrapped Aminos
The amino acid number/text at the end of each line "wrapped " down to the next line.
This may occur if your file was retrieved in a word processor after creating it.
Please adjust your right margin to .3, as this will prevent "wrapping".

3 ____ Incorrect Line Length
The rules require that a line not exceed 72 characters in length. This includes spaces.
All text must be visible on page.

4 ____ Misaligned Amino Acid Numbering
The numbering under each 5th amino acid is misaligned. This may be caused by the use of tabs between the numbering. It is recommended to delete any tabs and uses spacing between the numbers.

5 ____ Non-ASCII
This file was not saved in ASCII (DOS) text, as required by the Sequence Rules.
Please ensure your subsequent submission is saved in ASCII text so that it can be processed.

6 ____ Variable Length
Sequence(s) ____ contain n's or Xaa's which represented more than one residue.
As per the rules, each n or Xaa can only represent a single residue.
Please present the maximum number of each residue having variable length and indicate in the (ix) features section that some may be missing.

7 ____ Wrong Designation
Sequence(s) ____ contain amino acid or nucleic acid designators which are not standard representations as per the Sequence Rules (Please refer to paragraph 1.822)

8 ____ Skipped Sequences (OLD RULES)
Sequence(s) ____ missing. If intentional, please use the following format for each skipped sequence:
(2) INFORMATION FOR SEQ ID NO:X:
(i) SEQUENCE CHARACTERISTICS:(Do not insert any headings under "SEQUENCE CHARACTERISTICS")
(xi) SEQUENCE DESCRIPTION:SEQ ID NO:X:
This sequence is intentionally skipped

Please also adjust the "(iii) NUMBER OF SEQUENCES:" response to include the skipped sequence(s).

9 ____ Skipped Sequences (NEW RULES)
Sequence(s) ____ missing. If intentional, please use the following format for each skipped sequence.
<210> sequence id number
<400> sequence id number
000

10 ✓ Use of N's or Xaa's (NEW RULES)
Use of N's and/or Xaa's have been detected in the Sequence Listing.
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.

11 ____ Use of <213>Organism (NEW RULES)
Sequence(s) _____ are missing this mandatory field or its response.

12 ____ Use of <220>Feature (NEW RULES)
Sequence(s) ____ are missing the <220>Feature and associated headings.
Use of <220> to <223> is MANDATORY if <213>ORGANISM is "Artificial" or "Unknown"
(See "Federal Register," 6/01/98, Vol. 63, No. 104, pp. 29631-32)
(Sec. 1.823 of new Sequence Rules)

13 ____ Wrong Format
File submitted was in the alphabetical heading format of the Old Sequence Rules.This is invalid since the "Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Disclosures" Federal Register Notice, Vol. 63, No. 104, June 1, 1998, p. 29620 applies to applications filed on or after July 1, 1998.

AKS-Biotechnology Systems Branch- 7/10/98

RAW SEQUENCE LISTING
PATENT APPLICATION **US/09/157,289**

DATE: 09/30/98
TIME: 11:28:39

Input Set: **I157289.RAW**

This Raw Listing contains the General Information Section and up to first 5 pages.

new format
sll pr. 2-4

Does Not Comply
Corrected Diskette Needed

<110> APPLICANT: ASHKENAZI, AVI J.
BOTSTEIN, DAVID
DODGE, KELLY H.
GURNEY, AUSTIN L.
KIM, KYUNG JIN
LAWRENCE, DAVID A.
PITTI, ROBERT
ROY, MARGARET A.
TUMAS, DANIEL B.
WOOD, WILLIAM I.
GENENTECH INC.
<120> TITLE OF INVENTION: DcR3 Polypeptide, A TNFR Homolog
<130> FILE REFERENCE: 11669.31US03
<140> CURRENT APPLICATION NUMBER: US/09/157,289
<141> CURRENT FILING DATE: 1998-09-18
<150> EARLIER APPLICATION NUMBER: 60/059,288
<151> EARLIER FILING DATE: 1997-09-18
<150> EARLIER APPLICATION NUMBER: 60/094,640
<151> EARLIER FILING DATE: 1998-07-30
<160> NUMBER OF SEQ ID NOS: 16
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<211> LENGTH: 300
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 1

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            20                  25                  30
Thr Pro Thr Tyr Pro Trp Arg Asp Ala Glu Thr Gly Glu Arg Leu Val
        35                  40                  45
Cys Ala Gln Cys Pro Pro Gly Thr Phe Val Gln Arg Pro Cys Arg Arg
    50                  55                  60
Asp Ser Pro Thr Thr Cys Gly Pro Cys Pro Pro Arg His Tyr Thr Gln
65                  70                  75                  80
Phe Trp Asn Tyr Leu Glu Arg Cys Arg Tyr Cys Asn Val Leu Cys Gly
                85                  90                  95
Glu Arg Glu Glu Glu Ala Arg Ala Cys His Ala Thr His Asn Arg Ala
            100                 105                 110
Cys Arg Cys Arg Thr Gly Phe Phe Ala His Ala Gly Phe Cys Leu Glu
        115                 120                 125
His Ala Ser Cys Pro Pro Gly Ala Gly Val Ile Ala Pro Gly Thr Pro
    130                 135                 140
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Ser Gln Asn Thr Gln Cys Gln Pro Cys Pro Pro Gly Thr Phe Ser Ala
145 150 155 160
Ser Ser Ser Ser Ser Glu Gln Cys Gln Pro His Arg Asn Cys Thr Ala
165 170 175
Leu Gly Leu Ala Leu Asn Val Pro Gly Ser Ser Ser His Asp Thr Leu
180 185 190
Cys Thr Ser Cys Thr Gly Phe Pro Leu Ser Thr Arg Val Pro Gly Ala
195 200 205
Glu Glu Cys Glu Arg Ala Val Ile Asp Phe Val Ala Phe Gln Asp Ile
210 215 220
Ser Ile Lys Arg Leu Gln Arg Leu Leu Gln Ala Leu Glu Ala Pro Glu
225 230 235 240
Gly Trp Gly Pro Thr Pro Arg Ala Gly Arg Ala Ala Leu Gln Leu Lys
245 250 255
Leu Arg Arg Arg Leu Thr Glu Leu Leu Gly Ala Gln Asp Gly Ala Leu
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Leu Val Arg Leu Leu Gln Ala Leu Arg Val Ala Arg Met Pro Gly Leu
275 280 285
Glu Arg Ser Val Arg Glu Arg Phe Leu Pro Val His
290 295 300

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cacgacgtgt ggcccgtgtc caccgcgcca ctacacgcag ttctggaact acctggagcg 360
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cacccacaac cgtgcctgcc gctgccgcac cggcttcttc gcgcacgctg gtttctgctt 480
ggagcacgca tcgtgtccac ctggtgccgg cgtgattgcc ccgggcaccc ccagccagaa 540
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agctgaggag tgtgagcgtg ccgtcatcga ctttgtggct ttccaggaca tctccatcaa 780
gaggctgcag cggctgctgc aggccctcga ggccccggag ggctggggtc cgacaccaag 840
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gcaggacggg gcgctgctgg tgcggctgct gcaggcgctg cgcgtggcca ggatgcccgg 960
gctggagcgg agcgtccgtg agcgcttcct ccctgtgcac tgatcctggc cccctcttat 1020
ttattctaca tccttggcac cccacttgca ctgaaagagg ctttttttta aatagaagaa 1080
W--> 88 **atgaggtttn ttaaaaaaaa aaaaaaaaaa aaaa** 1114

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<213> ORGANISM: Unknown
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<223> OTHER INFORMATION: Description of Unknown Organism: UNKNOWN

sel item 10

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W--> 97        antaactgga gcnctgccgc tactgnaacg tcctctgngg ggagcgtgag gaggaggcac 120
     98        gggcttgcca cgccacccac aaccgtgcct gccgctgccg caccggcttc ttcgcgcacg 180
     99        ctggtttctg cttggagcac gcatcgtgtc cacctggtgc cggcgtgatt gccccgggca 240
    100        cccccagcca gaacacgcag tgcctagccg tgccccccag gcaccttctc agccagcagc 300
    101        tccagctcag agcagtgcca gccccaccgc aactgcacgg ccctgggcct ggccctcaat 360
    102        gtgccaggct cttcctccca tgacaccctg tgcaccagct gcactggctt ccccctcagc 420
    103        accagggtac caggagctga ggagtgtgag cgtgccgtca tcgactttgt ggctttccag 480
    104        gacatctcca t                                                      491
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    113        ctacctggag cgc                                                    73
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sel item 10

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W--> 122        antaactgga gcnctgccgc tactgnaacg tcctctgngg ggagcntgag gaggaggcan 120
W--> 123        gngcttgcca cgccacccac aaccgcgcct gcngctgcag caccggnttc ttcgcgcacg 180
W--> 124        ctgntttctg cttggagcac gcatcgtgtc cacctggtgn cggcgtgatt gcnccgggca 240
    125        cccccagcca gaacacgcat gcaaagccgt g                                271
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    129  <213> ORGANISM: Unknown
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    134        ggaggaggca cgggcttgcc acgccaccca caaccgtgcc tgccgctgcc gcaccggctt 120
    135        cttcgcgcac gctggtttct gcttggagca cgcatcgtgt ccacctggtg ccggcgtgat 180
W--> 136        tncccgggc acccccagcc a                                            201
    137  <210> SEQ ID NO 7
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item 10

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      145          ttgcaccctg agctaggaca ccagttcccc tgaccctgtt cttccctcct ggctgcaggc 120
W-->  146          acccccagcc agaacacgca gnccagccgt gccccccagg caccttctca gccagcagct 180
      147          ccagctcaga gcagtgccag ccccaccgca actgcacggc cctgggcctg gccctcaatg 240
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      153    <220> FEATURE:
      154    <223> OTHER INFORMATION: Description of Unknown Organism: UNKNOWN
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      156          gcatcgtgtc cacctggtgc cggcgtgatt gccccgggca cccccagcca gaacacgcag 60
      157          gcctagccgt gccccccagg caccttctca gccagcagct ccagctcaga gcagtgccag 120
      158          ccccaccgca actgcacggc cctgggcctg gccctcaatg tgccaggctc ttcctcccat 180
      159          gacaccctgt gcaccagct                                              199
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      164    <220> FEATURE:
      165    <223> OTHER INFORMATION: Description of Unknown Organism: UNKNOWN
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      168          accgcaactg cacggccctg ggcctggccc tcaatgtgcc aggctcttcc tcccatgaca 120
W-->  169          cgctgtgcac cagctgcact ggcttccccc tcagcaccag ggtancagga gctgaggagt 180
      170          gtgagcgtgc cgtcatcgac tttgtggctt tccaggacat ctccat                 226
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      174    <213> ORGANISM: Homo sapiens
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W-->  177          gccntccccc caggcacctt ctcagccagc agctccagct cagagcagtg ccagccccac 120
W-->  178          cgcaactgca acgccctggn ctggccctca atgtgccagg ctcttcctcc catgacaccc 180
      179          tgtgcaccag ctgcactggc ttccccctca gcaccagggt accaggagct gaggagtgtg 240
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      184    <213> ORGANISM: Unknown
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      190    <211> LENGTH: 22
      191    <212> TYPE: DNA
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      193    <220> FEATURE:
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<223> OTHER INFORMATION: Description of Unknown Organism: UNKNOWN
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atcacgccgg caccag 16

VERIFICATION SUMM[redacted]
PATENT APPLICATION US/09/157,289

DATE: 09/30/98
TIME: 11:28:39

Input Set: **I157289.RAW**

Line	?	Error/Warning	Original Text
88	W	"N" or "Xaa" used: Feature required	atgaggtttn ttaaaaaaaa aaaaaaaaaa aaaa
97	W	"N" or "Xaa" used: Feature required	antaactgga gcnctgccgc tactgnaacg tcctctgn
121	W	"N" or "Xaa" used: Feature required	gccgagacag ccccacgacg tgtggcccgt gtccaccg
122	W	"N" or "Xaa" used: Feature required	antaactgga gcnctgccgc tactgnaacg tcctctgn
123	W	"N" or "Xaa" used: Feature required	gngcttgcca cgccacccac aaccgcgcct gcngctgc
124	W	"N" or "Xaa" used: Feature required	ctgntttctg cttggagcac gcatcgtgtc cacctggt
136	W	"N" or "Xaa" used: Feature required	tnccccgggc acccccagcc a
146	W	"N" or "Xaa" used: Feature required	acccccagcc agaacacgca gnccagccgt gccccccа
167	W	"N" or "Xaa" used: Feature required	agcngtgcnc cncaggcacc ttctcagcca gcagttcc
169	W	"N" or "Xaa" used: Feature required	cgctgtgcac cagctgcact ggcttccccc tcagcacc
176	W	"N" or "Xaa" used: Feature required	cttgtccacc tggtgccggc gtgattnccc gggcaccc
177	W	"N" or "Xaa" used: Feature required	gccntccccc caggcacctt ctcagccagc agctccag
178	W	"N" or "Xaa" used: Feature required	cgcaactgca acgccctggn ctggccctca atgtgcca